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| Form PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DKT. NO. 1204.41800VX1 | APPLICATION NO. TBD |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT T. Yamanaka, et al. | |
| | | FILING DATE January 22, 2004 | EXPECTED GROUP 1713 |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
|------------------|-----------------|-----------|------------|------------------|----------|-------------|
| M | AA | 5,369,169 | 11/29/1994 | La Fleur, et al. | | |
| M | AB | 6,448,339 | 9/10/2002 | Tomita | | |
| M | AC | 4,447,580 | 5/8/1984 | Ai, et al. | | |
| M | AD | 4,855,363 | 08/8/1989 | Moteki | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation/Abstracts | |
|------------------|-----------------|-------------------|---------------------|------------------|----------|-----------------------|----|
| | | | | | | Yes | No |
| M | AE | 0089086 | 09/21/1983 | EP | | | |
| M | AF | 3-52910 | 3/7/1991 | Japan | | X | |
| M | AG | 56-45421 | 10/26/1981 | Japan | | X | |
| M | AH | 4-6738 | 2/6/1992 | Japan | | X | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---------------------------------|----|--|
| M | AM | Lide, "Glass Transition Temperature for Selected Polymers", CRC Handbook of Chemistry and Physics, CRC Press, 1998-1999, pages 13-4-13-7 |
| | AN | |
| | AO | |
| | AP | |
| | AQ | |
| | AR | |
| Examiner <i>Salvatore Salvi</i> | | Date Considered 2/3/06 |

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| Substitute for form 1449A/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Application Number | 10/761,334 |
| | | Filing Date | 1/22/2004 |
| | | First Named Inventor | T. Yamanaka |
| | | Art Unit | 1713 |
| | | Examiner Name | TBD |
| Sheet 1 of 1 | Attorney Docket Number | 1204.41800VX1 | |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|---|--------------------------------|--|---|
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation/Abstract |
|--------------------|-----------------------|---|--------------------------------|---|--|----------------------|
| 3 | | JP 2001-40182 | 2/13/2001 | Mitsui Chemicals, Inc. | | X |
| 3 | | JP 11-158343 | 6/15/1999 | NOK Corp. | | X |
| | | | | | | |
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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| 3 | | Official Action for counterpart Japanese Patent Application No. 2000-226880, dated November 16, 2004, with English translation | |
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|--------------------|---------------------|-----------------|--------|
| Examiner Signature | <i>ralpha ranti</i> | Date Considered | 2/1/06 |
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